Compact AI Powerhouse Delivering Maximum AI Performance

NUC Ultra 300 BOX Series

ASRock Industrial × intel

High-Performance AI Computing Powered by Intel® Core™ Ultra Series 3 Processors

As AI workloads expand across commercial, industrial, and creative environments, businesses need compact systems that deliver powerful AI acceleration without compromising performance or connectivity. The NUC Ultra 300 BOX Series addresses this challenge with a next-generation, small form factor AI platform powered by Intel® Core™ Ultra Series 3 processors.

Delivering up to 180 TOPS of AI performance through integrated CPU, GPU, and NPU, the NUC Ultra 300 BOX enables fast on-device inference, immersive visuals, and responsive multitasking. Advanced features including DDR5 7200/6400 MHz memory, PCIe Gen5 storage, Wi-Fi 7, dual 2.5GbE LAN, and quad 8k display support ensure seamless performance across AI-enhanced workflows.

Designed for versatility and scalability, the platform supports edge AI development, smart commercial applications, digital creation, and immersive experience. With Intel-based AI acceleration and a compact, deployment ready design, the NUC Ultra 300 BOX Series empowers organizations to unlock new possibilities with AI, anywhere performance matters.

Delivering up to 287% NPU, 58% GPU, and 6% CPU* performance uplift

** Intel does not control or audit third-party data. You should consult other sources to evaluate accuracy.*

Intel Products and Technologies

Accelerating AI and Analytics at the Edge

Intel® Core™ Ultra Processors

OpenVINO™ Toolkit

Intel® oneAPI Toolkit

Intel® Graphics

Key Features

Empowered by Intel.

- Up to 180 TOPS AI Acceleration
- Immersive Visual Performance
- High-Speed Memory & Storage
- Advanced Connectivity

ASRock NUC Ultra 300 BOX Series

intel ai
Intel® AI Edge Systems

NUCS BOX-325

NUCS BOX-358H

Product Specifications

CPU	Intel® Core™ Ultra Series 3 processors
Graphics	Intel® Graphics
Memory	Up to 128GB DDR5 7200/6400 MHz memory (2 SO-DIMM)
Storage	2 x M.2 Key M ▪ 1 x PCIe Gen5 x4 (2242/2280) ▪ 1 x PCIe Gen4 x4 (2242)
Wireless Network	Intel® Wi-Fi 7, Bluetooth® 6.0
LAN	Up to 2 x 2.5GbE Intel® Ethernet Controller I226-V, I226-LM
Operating / Storage Temp.	0°C ~ 40°C / -40°C ~ 85°C
Dimension (W x D x H)	117.5mm × 110.0mm × 49.0mm
Weight	1.0Kg (net weight)
OS	Windows 10/11

Learn More

ASRock NUC Ultra 300 BOX Series

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